

Related Elsevier Virology Titles Contents Alert

VIRUS RESEARCH VOL. 34 NO. 1 15 OCTOBER 1994

E. Faure (Marseille cedex 3, France), N. Yahi (Marseille, France), A. Zider, C. Cavard (Paris, France), S. Champion (Marseille cedex 3, France) and J. Fantini (Marseille, France), Physical contact with lymphocytes is required for reactivation of dormant HIV-1 in colonic epithelial cells: involvement of the HIV-1 LTR	1
M.L. Perdue, J. Latimer, C. Greene and P. Holt (Athens, GA 30605, USA), Consistent occurrence of hemagglutinin variants among avian influenza virus isolates of the H7 subtype	15
V. Malirat, P.A.D. Mello, B. Tiraboschi (Rio de Janeiro, Brazil), E. Beck (D-6300 Giessen, Germany), I. Gomes and I.E. Bergmann (Rio de Janeiro, Brazil), Genetic variation of foot-and-mouth disease virus during persistent infection in cattle	31
G.V. Kochneva, I.H. Urmanov, E.I. Ryabchicova, V.V. Streltsov and O.I. Serpinsky (Koltsovo, Novosibirsk Region, Russia), Fine mechanisms of ectromelia virus thymidine kinase-negative mutants avirulence	49
W.C. Wilson (Laramie, WY 82071, USA), Sequence analysis of the non-structural protein 2 from epizootic hemorrhagic disease viruses	63
B. Cubitt, C. Oldstone (La Jolla, CA 92037, USA), J. Valcarcel (Worcester, MA 01605, USA) and J.C. de la Torre (La Jolla, CA 92037, USA), RNA splicing contributes to the generation of mature mRNAs of Borna disease virus, a non-segmented negative strand RNA virus	69
M. Yamakawa, V. Krasnyck and P. Roy (Birmingham, AL 35294-0008, USA), Phylogenetic relationships of the VP2 protein of a virulent isolate of bluetongue virus (BTV-23) compared to those of 6 other BTV serotypes	81

VIRUS RESEARCH VOL. 34 NO. 2 15 NOVEMBER 1994

C.M. Das, S. Zhang and E.J. Shillitoe (Houston, TX 77225, USA), Expression of the mutagenic peptide of herpes simplex virus type 1 in virus-infected cells	97
K.L. Glazenburg, R.J.M. Moormann, T.G. Kimman, A.L.J. Gielkens and B.P.H. Peeters (NL-8200 AJ Lelystad, The Netherlands), In vivo recombination of pseudorabies virus strains in mice	115
P.-Y. Chang, K. Stellrecht, S. Melana and B.G.-T. Pogo (New York, NY 10029, USA), Elements in the long terminal repeat of HIV-1 that interact with nuclear extracts from Jurkat cells persistently infected with vaccinia virus	127
F. McPhee (D-82143 Martinsried, Germany), R. Zell (D-72076 Tübingen, Germany), B.-Y. Reimann, P.H. Hofschneider (D-82143 Martinsried, Germany) and R. Kandolf (D-72076	

Tübingen, Germany), Characterization of the N-terminal part of the neutralizing antigenic site I of coxsackievirus B4 by mutation analysis of antigen chimeras	139
L. Oxburgh, M. Berg, B. Klingeborn, E. Emmoth and T. Linné (S-751 23 Uppsala, Sweden), Evolution of H3N8 equine influenza virus from 1963 to 1991	153
Z. Chen, K.S. Faaberg and P.G.W. Plagemann (Minneapolis, MN 55455, USA), Detection of negative-stranded subgenomic RNAs but not of free leader in LDV-infected macrophages	167
M. Yu, A.R. Gould, C.J. Morrissy and H.A. Westbury (Victoria 3220, Australia), High level expression of the envelope glycoprotein (gp53) of bovine viral diarrhoea virus (Singer) and its potential use as diagnostic reagent	178

J. VIROLOGICAL METHODS VOL. 49 NO. 1 15 AUGUST 1994

J.S. Bootman (Herts EN6 3QG, UK) and P.A. Kitchen (London SE1 6LN, UK), Reference preparations in the standardisation of HIV-1 PCR – an international collaborative study	1
C. Mary, J.N. Telles, V. Cheynet, G. Oriol, F. Mallet, B. Mandrand and B. Verrier (69364 Lyon cedex 07, France), Quantitative and discriminative detection of individual HIV-1 mRNA subspecies by an RNase mapping assay	9
F. Condorelli, G. Scalia, A. Stivala, R. Gallo, A. Marino (I-95124 Catania, Italy), C.M. Battaglini (Catania, Italy) and A. Castro (I-95124 Catania, Italy), Detection of immunoglobulin G to measles virus, rubella virus, and mumps virus in serum samples and in microquantities of whole blood dried on filter paper	25
Udaykumar (Ann Arbor, MI 48109-0650, USA), A. Heredia (Rockville, MD 20852-1448, USA), V. Soriano, R. Bravo (28010 Madrid, Spain), J.S. Epstein and I.K. Hewlett (Rockville, MD 20852-1448, USA), Enhanced diagnostic efficiency of the polymerase chain reaction by co-amplification of multiple regions of HIV-1 and HIV-2	37
L.N. Sellner, R.J. Coelen and J.S. Mackenzie (Perth, W.A, Australia), Sensitive detection of Ross River virus – a one-tube nested RT-PCR.....	47
D. Bettinger, C. Mougin and M. Lab (25000 Besançon, France), Rapid detection of active cytomegalovirus infection by in situ polymerase chain reaction on MRC5 cells inoculated with blood specimens	59
S.D. Blacksell, R.A. Lunt and J.R. White (Geelong, Australia), A rapid indirect ELISA for the serogrouping of Australian orbiviruses	67
French Study Group for the Standardization of Hepatitis C virus PCR (France), Improvement of hepatitis C virus RNA polymerase chain reaction through a multicentre quality control study	79
L.A. Tarassishin and W.C. Russell (St. Andrews, Fife, KY169AL Scotland, UK), A competitive avidin-biotin ECL dot-blot assay for epitope mapping of monoclonal antibodies	89
R. French and N.L. Robertson (Lincoln, NE 68583, USA), Simplified sample preparation for detection of wheat streak mosaic virus and barley yellow dwarf virus by PCR.....	93

J. VIROLOGICAL METHODS VOL. 49 NO. 2 15 SEPTEMBER 1994

L.G. Birkenmeyer and I.K. Mushahwar (North Chicago, IL 60064, USA), Detection of hepatitis A, B and D virus by the polymerase chain reaction	101
S. Kawamoto, K. Ueda, E. Mita and K. Matsubara (Osaka, Japan), The packaging signal in hepatitis B virus pregenome functions only at the 5' end	113
O. Forslund, B.G. Hansson and B. Bjerre (S-214 01 Malmö, Sweden), Typing of human papillomaviruses by consensus polymerase chain reaction and a non-radioactive reverse dot blot hybridization	129

V. Barlet, M. Cohard, M.A. Thelu, M.J. Chaix, C. Baccard, J.P. Zarski and J.M. Seigneurin (Grenoble Cedex 09, France), Quantitative detection of hepatitis B virus DNA in serum using chemiluminescence: comparison with radioactive solution hybridization assay	141
C Barreau, F.-X. Jousset and M. Cornet (30380 Saint Christol-lez-Alès, France), An efficient and easy method of infection of mosquito larvae from virus-contaminated cell cultures ...	153
B. van Gemen, R. van Beuningen, A. Nabbe, D. van Strijp, S. Jurriaans, P. Lens and T. Kievits (5281 RM Boxtel, Netherlands), A one-tube quantitative HIV-1 RNA NASBA nucleic acid amplification assay using electrochemiluminescent (ECL) labelled probes	157
K. Sudo, K. Konno, T. Yokota and S. Shigeta (Fukushima 960-12, Japan), A sensitive assay system screening antiviral compounds against herpes simplex virus type 1 and type 2	169
A. Donn, L.A. Martin and A.I. Donaldson (Surrey GU24 0NF, UK), Improved detection of persistent foot-and-mouth disease infection in cattle by the polymerase chain reaction ...	179
B.T. Poulos, J. Mari (Tucson, AZ 85721, USA), J.-R. Bonami (34095 Montpellier Cedex 5, France), R. Redman and D.V. Lightner (Tucson, AZ 85721, USA), Use of non-radioactively labeled DNA probes for the detection of a baculovirus from <i>Penaues monodon</i> by in situ hybridization on fixed tissue	187
J.K. Kulski (Perth, Australia), Quantitation of human cytomegalovirus DNA in leukocytes by end-point titration and duplex polymerase chain reaction	195
J. Cason (London SE1 7EH, UK), Strategies for mapping and imitating viral B-cell epitopes	209
R.P. Singh, A. Boucher (New Brunswick, E3B 4Z7, Canada), D.K. Lakshman and S.M. Tavantzis (Orono, ME 04469, USA), Multimeric non-radioactive cRNA probes improve detection of potato spindle tuber viroid (PSTVd)	221
H. Kariwa, J. Arikawa, I. Takashima (Sapporo 060, Japan), Y. Isegawa, K. Yamanishi (Osaka 565, Japan) and N. Hashimoto (Sapporo 060, Japan), Enhancement of infectivity of hantavirus in cell culture by centrifugation	235

J. VIROLOGICAL METHODS VOL. 49 NO. 3 15 OCTOBER 1994

A.A. Heldsinger and T. Antonucci (Ann Arbor, MI 48105, USA), An HIV-1 protease screening assay using a non-infectious proviral clone	247
A. Warnes, A.R. Fooks and J.R. Stephenson (Salisbury, SP4 0JG, UK), Production of measles nucleoprotein in different expression systems and its use as a diagnostic reagent.	257
D.-J. Tsuei, P.-J. Chen, M.-Y. Lai, D.-S. Chen, C.-S. Yang, J.-Y. Chen and T.-Y. Hsu (Taipei, Taiwan), Inverse polymerase chain reaction for cloning cellular sequences adjacent to integrated Hepatitis B virus DNA in hepatocellular carcinomas	269
V.M. Carn, R.P. Kitching, J.M. Hammond and P. Chand (Surrey, GU24 0NF, UK), Use of a recombinant antigen in an indirect ELISA for detecting bovine antibody to capripoxvirus	285
L. Levy, I.-M. Lee and A. Hadidi (Beltsville, MD, 20705-2350, USA), Simple and rapid preparation of infected plant tissue extracts for PCR amplification of virus, viroid, and MLO nucleic acids	295
M.L. Ng, F.M. Yeong and S.H. Tan (Singapore 0511, Singapore), Cryosubstitution technique reveals new morphology of flavivirus-induced structures	305
S.-Y. Chan, I.M. Kautner and S.-K. Lam (Kuala Lumpur, Malaysia), The influence of antibody levels in dengue diagnosis by polymerase chain reaction	315
F. Agnès, J.M. Crance and F. Lévêque (F-38702 La Tronche Cédex, France), Separate detection of the two complementary RNA strands of hepatitis A virus	323

J. Wu (New Orleans, LA, USA), D.E. Sullivan and M.A. Gerber (New Orleans, LA 70112, USA), Quantitative polymerase chain reaction for hepatitis B virus DNA	331
B.-S. Yan (112 Taipei, Taiwan, ROC), L.-Y. Liao (Taipei, Taiwan), K. Leou, Y.-C. Chang and W.-J. Syu (112 Taipei, Taiwan, ROC), Truncating the putative membrane association region circumvents the difficulty of expressing hepatitis C virus protein E1 in <i>Escherichia coli</i>	343
M. Pfeffer (80539 Munich, Germany), H. Meyer (80937 Munich, Germany) and M. Wiedmann (Ithaca, NY 14853, USA), A ligase chain reaction targeting two adjacent nucleotides allows the differentiation of cowpox virus from other <i>Orthopoxvirus</i> species	353
M. Urabe, T. Tanaka and K. Tobita (Tochigi-Ken 329-04, Japan), Use of competitive PCR to estimate the level of NS gene persisting in MDCK cells which survived productive replication of a mutant of influenza virus A/WSN	361
D.J. Morris, G. Corbitt and E. Crosdale (Manchester M9 2AA, UK), Same-day testing for human immunodeficiency virus antibodies	367

CLINICAL AND DIAGNOSTIC VIROLOGY

VOL. 2 NO. 4-5

15 AUGUST 1994

T. Fujiwara, T. Ihara (Mie, 514-01, Japan), K. Yamawaki (Mie, Japan), H. Kamiya (Mie, 514-01, Japan) and M. Sakurai (Mie, Japan), Generation of hydrogen peroxide by varicella-zoster virus-stimulated polymorphonuclear leukocytes	221
P.P. Mortimer and J.V. Parry (London NW9 5HT, UK), Detection of antibody to HIV in saliva: a brief review	231
B. Weber, F. Prosser, A. Munkwitz and H.W. Doerr (Frankfurt-am-Mainz, Germany), Serological diagnosis of cytomegalovirus infection: comparison of 8 enzyme immunoassays for the detection of HCMV-specific IgM antibody	245
L.L. Steed, V.C. Salmon and J.C. Overall, Jr. (Salt Lake City, UT 84108, USA), Identification of influenza A virus by shell vial culture and two commercially available antigen detection methods	261
A.A. Gershon, P. LaRussa and S. Steinberg (New York, NY 10032, USA), Detection of antibodies to varicella-zoster virus using a latex agglutination assay	271
S.L. Johnston, A. Dalal, S. Mason, J.W. Wilson, B.S. Robinson and S.T. Holgate (Southampton, UK), Detection of respiratory syncytial virus infection in nasal aspirate samples by flow cytometry	279
E. Schreier, B. Schweiger, C. Ramelow, P. Beziat and J. Süss (Berlin, Germany), Rapid detection of tick-borne encephalitis virus sequences by cDNA amplification coupled to a simple DNA enzyme immunoassay	291
M.S. Balayan, N.A. Zamyatina, M.I. Mikhailov, A.V. Sychev (Moscow, Russia), R.K. Usmanov, O.V. Dvoynikova (Bishkek, Kirghizstan), I.V. Nelga, G.K. Grishina (Moscow, Russia) and L.A. Ankhundinova (Bishkek, Kirghizstan), Serological survey on hepatitis E virus infection in an endemic area: diagnostic potential of enzyme immunoassay for detection of IgG antibody	297
A. Razzaque (Bethesda, MD 20892, USA), K.K. Knox, D.R. Carrigan (Milwaukee, WI, USA) and F. Varricchio (Bethesda, MD, USA), Human herpesvirus-6-associated malignant lymphoma in a bone marrow transplant recipient	305

M.L. Landry (West Haven, CT, USA), Multiple viral infections in the immunocompromised host: recognition and interpretation	313
M.K. Ijaz (Al-Ain, United Arab Emirates), S. Alharbi (Kuwait), S.A. Uduman, Y. Cheema (Al-Ain, United Arab Emirates), M.M. Sheek- Hussen, A.R.A. Alkhair, A.G. Shalabi (Al- Ain, United Arab Emirates), S.S. Ijaz, S.A. Bin-Othman (Al-Ain, United Arab Emirates), S.A. Sattar (Ottawa, Ont. K1H 8M5, Canada) and L.F. Liddle (Al- Ain, United Arab Emirates), Seasonality and prevalence of rotavirus in Al-Ain, United Arab Emirates	323
J.J. Gray, C. Roth, C. Swygart and U. Desselberger (Cambridge, CB2 2QW, UK), Human parvovirus B19 serology with recombinant VP1 and VP2 antigens: diagnosis of acute infections by detecting B19-specific IgM and IgA antibodies	331
R. Vranckx (Brussels, Belgium), A. Alisjahbana, W. Ngantung, E. Sugita, A. Sukadi, A. Usman (Bandung, Indonesia), W. Devillé (Antwerp, Belgium) and A. Meheus (Brussels, Belgium), Anti-HBs kinetics after HBU vaccination in neonates	343
S. O'Shea, K.M. Corbett (London, UK), S.M. Barrow (Palo Alto, CA, USA), J.E. Banatvala and J.M. Best (London, UK), Rubella reinfection; role of neutralising antibodies and cell-mediated immunity	349
E. Kaga, M. Tobita, T. Saito, O. Urayama, S. Uesugi and O. Nakagomi (Akita 010, Japan), Molecular characterization of a human group A rotavirus isolated from an adult with severe dehydrating diarrhea and its relationship to strains concurrently circulating among children	359

FEMS MICROBIOLOGY LETTERS

An international journal providing for the rapid publication
of reports on all aspects of microbiological research

Published by Elsevier Science on behalf of the
Federation of European Microbiological Societies

Chief Editor: C.A. Fewson

Department of Biochemistry, University of Glasgow, Glasgow G12 8QQ, U.K.

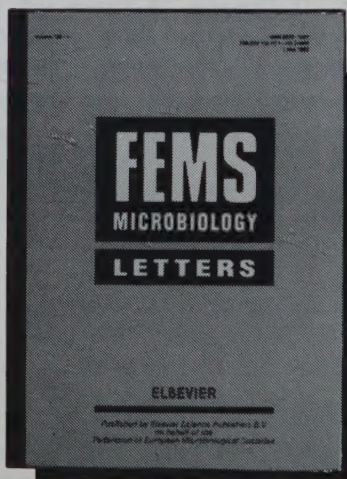
Reviews Editor: F.G. Priest, *Edinburgh, U.K.*

AIMS AND SCOPE:

Appears fortnightly with concise papers that are of urgent interest because of their originality and topicality. Areas of special interest include: molecular biology and genetics; microbial biochemistry and physiology; structure and development; pathogenicity, medical and veterinary microbiology; plant microbial interactions; applied microbiology and microbial biotechnology; systematics. Papers deal with all sorts of microorganisms: bacteria, filamentous fungi and yeasts, protozoa or viruses.

Audience:

Molecular biologists, geneticists, biochemists, systematists, bacteriologists, virologists, parasitologists, protozoologists, mycologists, biotechnologists, medical, dental and veterinary microbiologists



ABSTRACTED/INDEXED IN:

Biological Abstracts,
Chemical Abstracts,
Current Contents
(Life Sciences), Excerpta
Medica (EMBASE), Pascal
et Francis (INST-CNRS),
Reference Update.

Published every 2 weeks
ISSN 0378-1097

*For further information and/or a
complimentary copy, please contact
one of the following addresses:*

Elsevier Science B.V.
P.O. Box 1527,
1000 BM Amsterdam,
The Netherlands.
Fax: +31 (20) 5803-342

Customers in the U.S.A. and Canada:
Elsevier Science Inc.
P.O. Box 882,
Madison Square Station,
New York, NY 10159, U.S.A.
Tel: (212) 633-3750
Fax: (212) 633-3990

